

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2385 - L2 Version 5
Chandra X-Ray Center

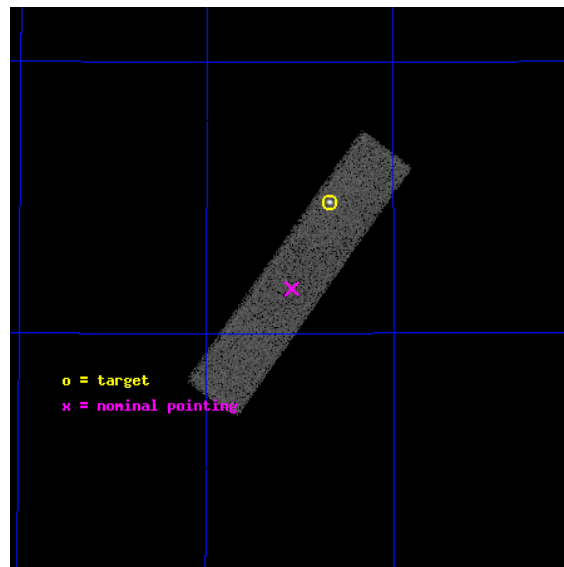
L2 Processing Date : Sep 4 2012

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1 Front

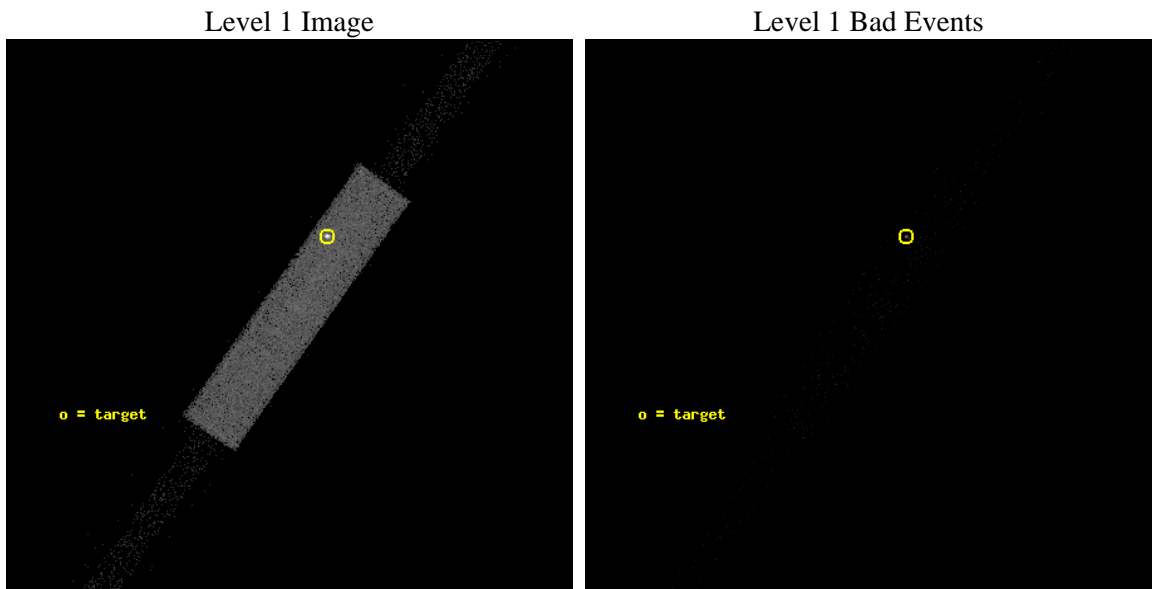
seq_num	290131	Sequence number
obs_id	2385	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-S,AO2	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.27124379641	Nominal RA [deg]
dec_nom	45.582603742096	Nominal Dec [deg]
roll_nom	305.30590911651	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1142.1062936932	[s]
livetime	1136.1599962814	Ontime multiplied by DTCOR
l2events	40208	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1142.1062936932	[s]
caldbver	4.5.1.1	 	l1events	62549	Number of level 1 events
date	2012-09-05T01:39:36	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

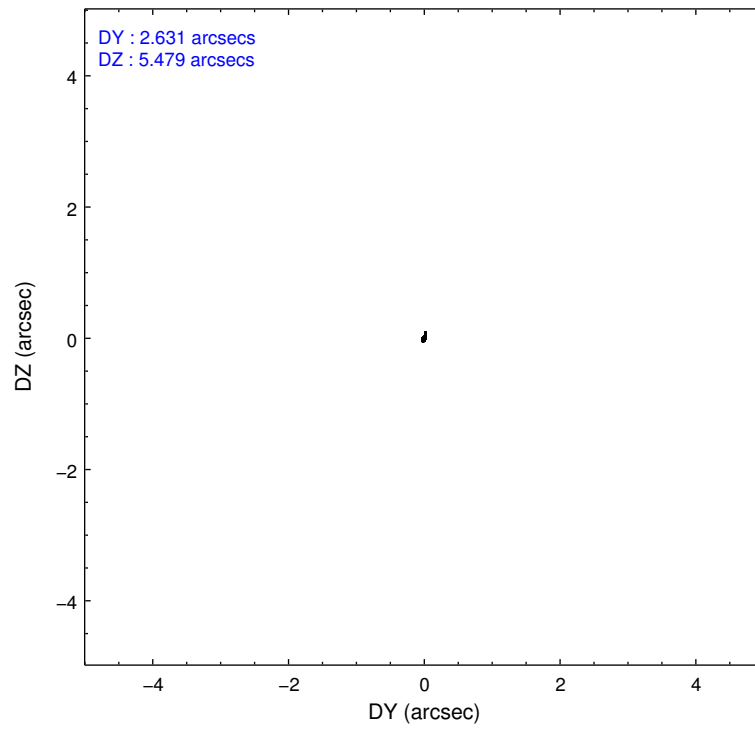
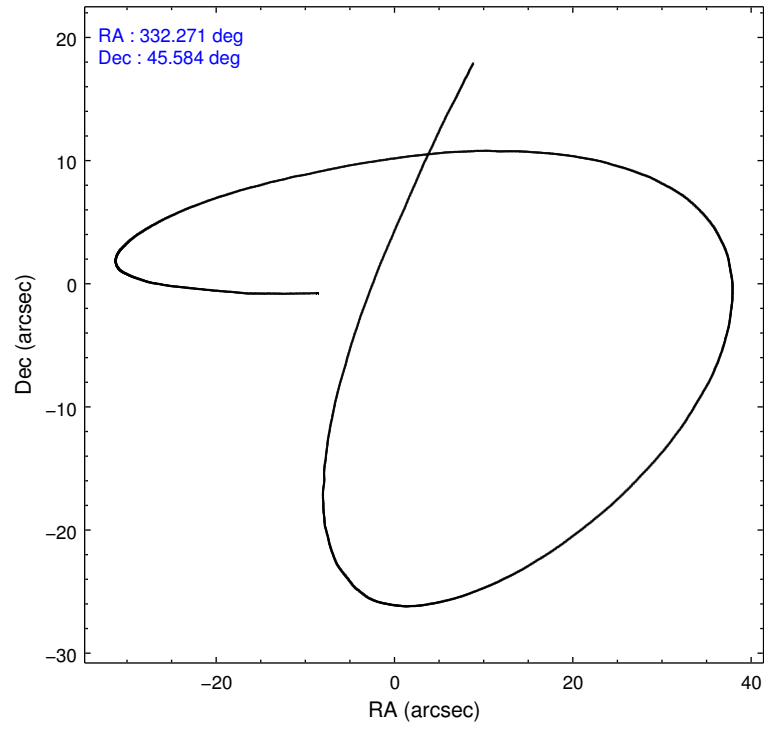
	segment 1	segment 2	segment 3
level 1 events	1212	60216	1121
rejected events	1212	10657	1121
rejected %	100%	17%	100%

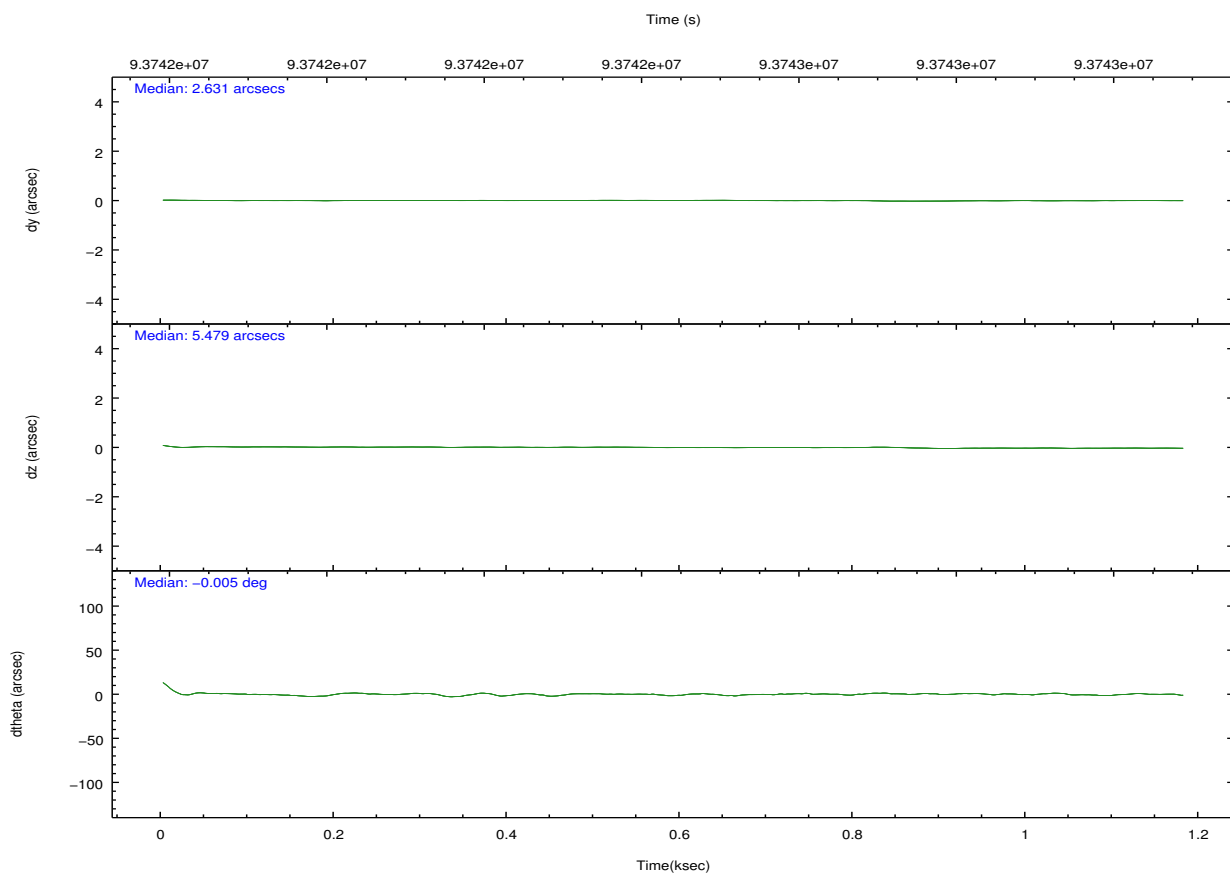
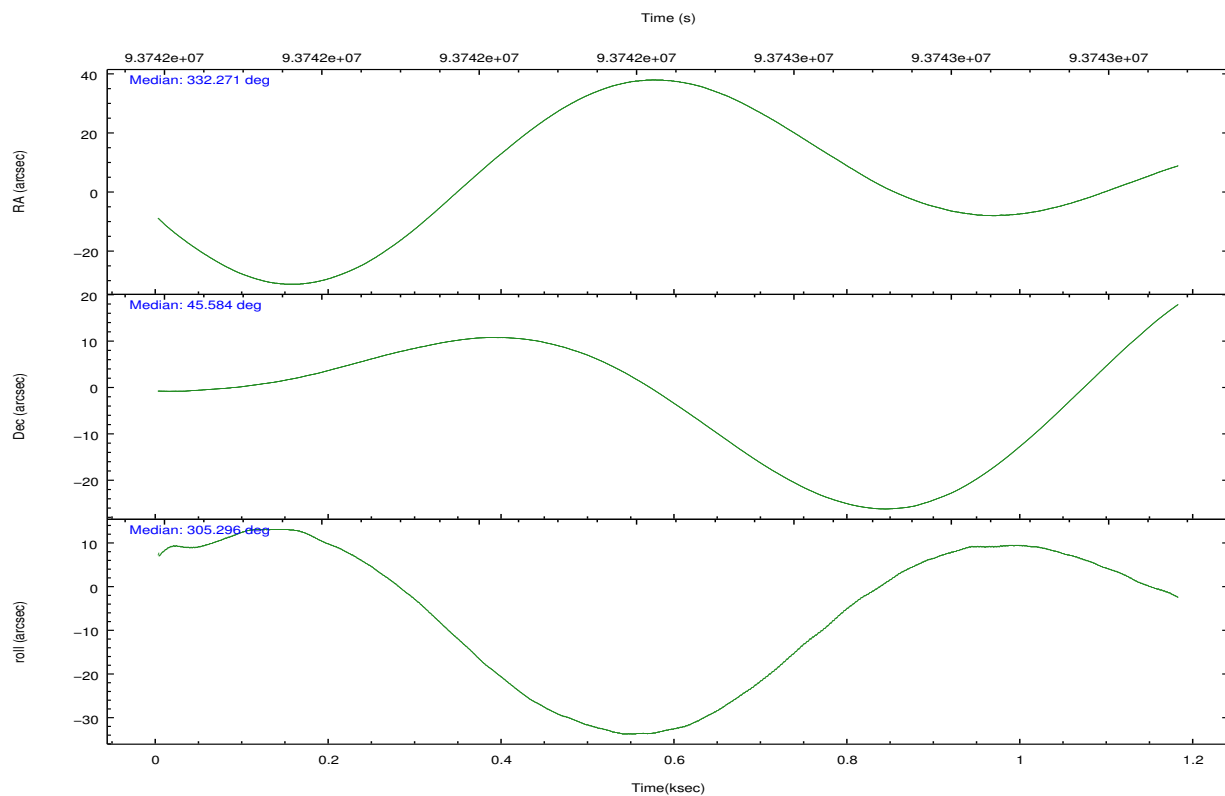
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.234557	332.2712437964094
[deg] Pointing Dec	45.593731	45.5826037420962
[deg] Pointing Roll	305.264825	305.3059091165091
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	93742032.184000	93741656.014798
Observation start date	2000-12-20T23:26:08	2000-12-20T23:20:56
[s] Observation end time (MET)	93743032.184000	93743487.177368
Observation end date	2000-12-20T23:42:48	2000-12-20T23:51:27

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



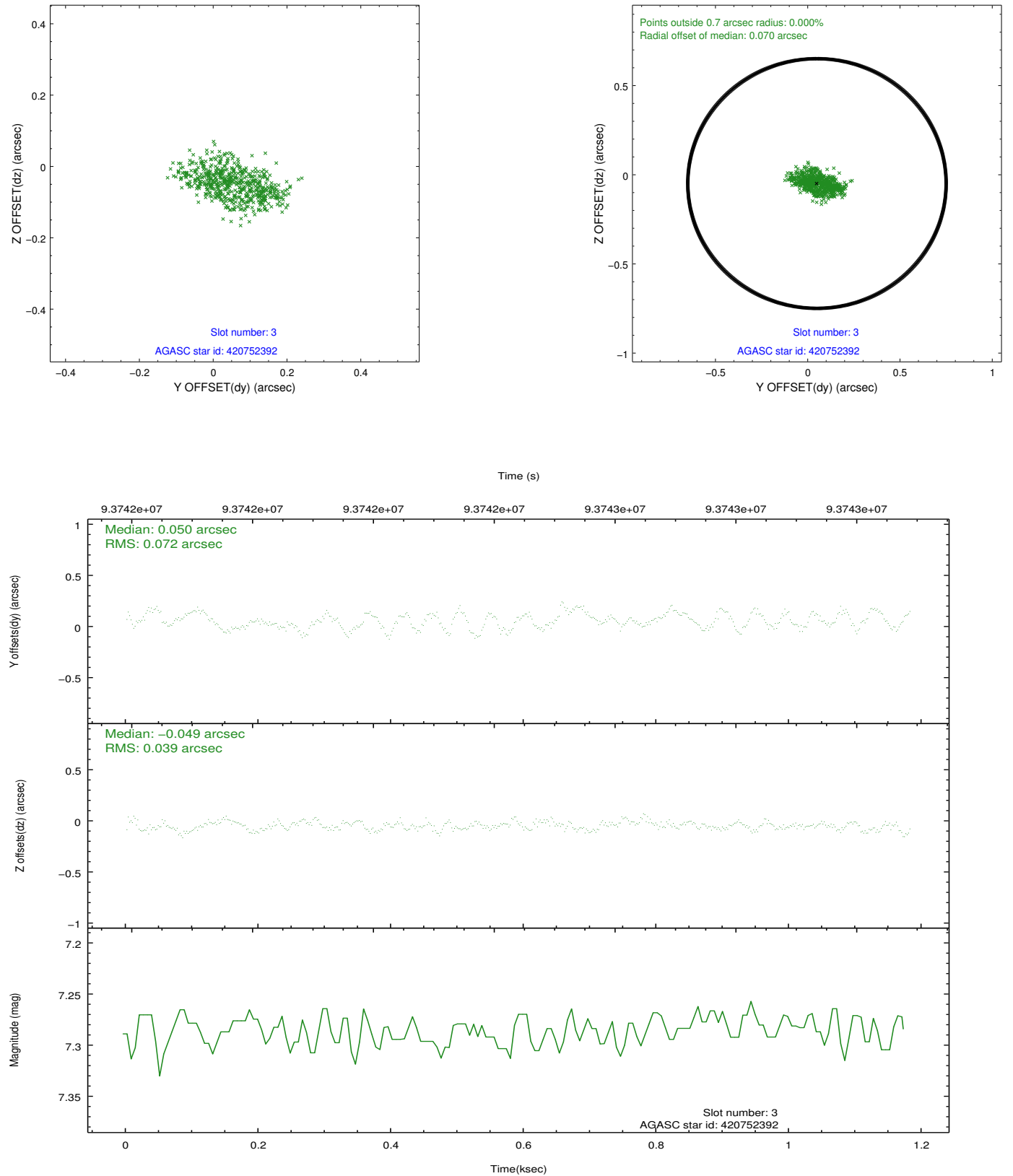


Slot Statistics

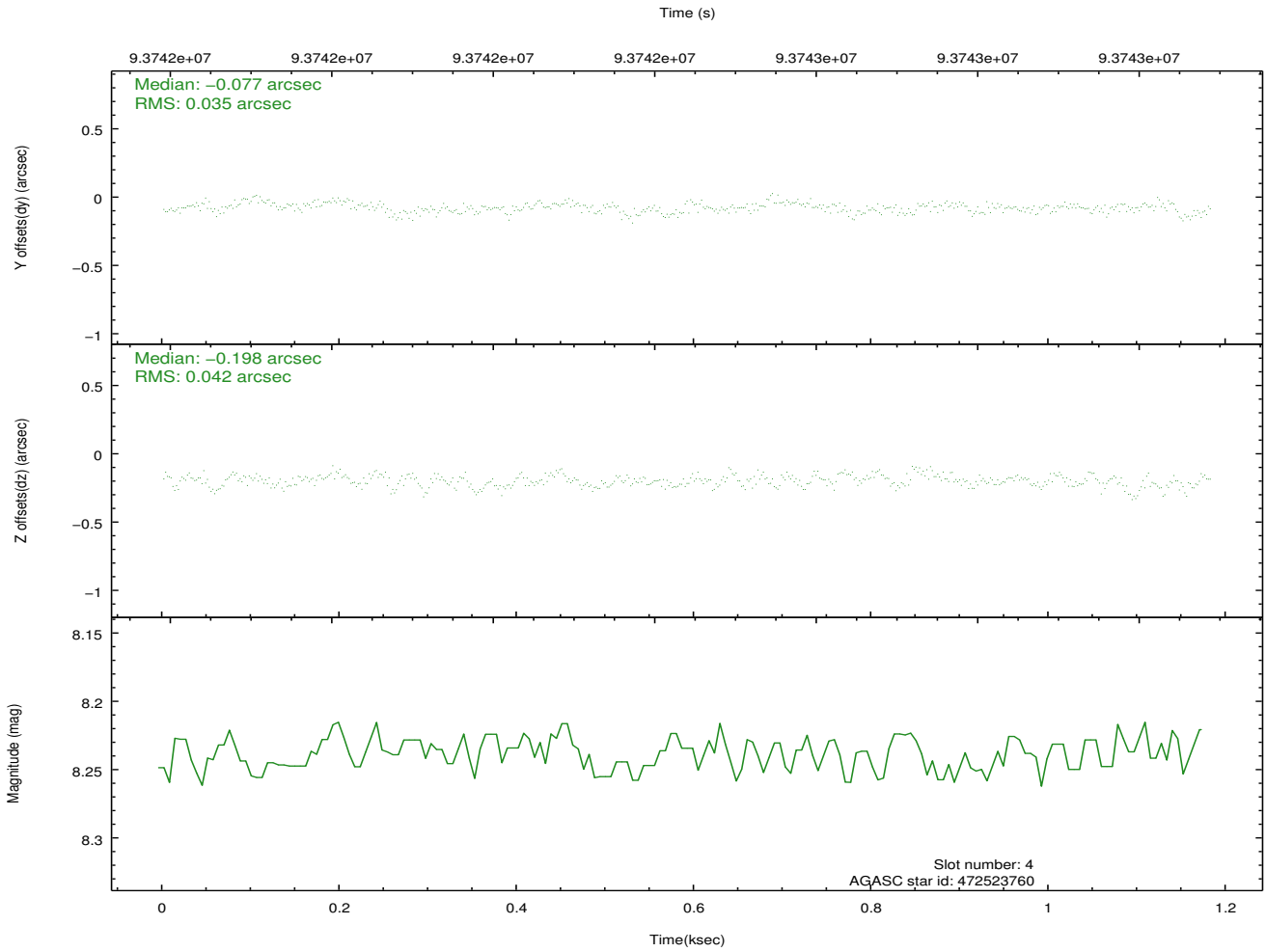
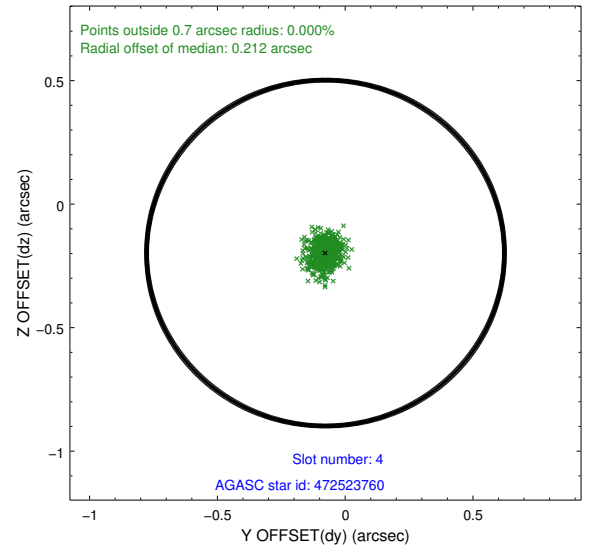
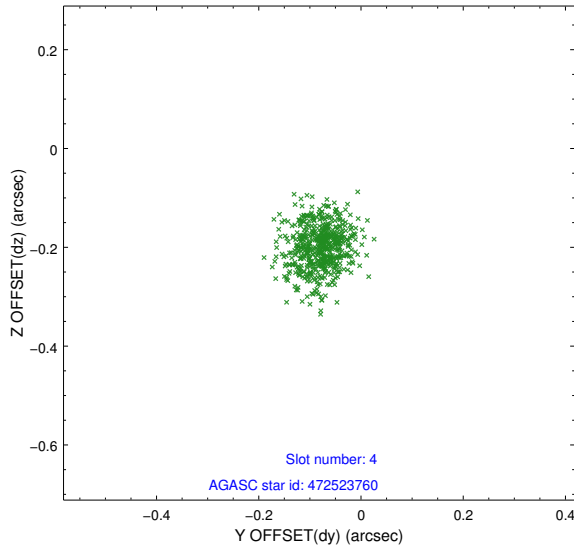
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	288	0.110	-0.158	0.008	0.013	0.000000	0.000000	-1156.68	-454.04
1	FID	HRC-S-3	6.99	288	0.152	-0.047	0.007	0.014	0.000000	0.000000	-1163.39	574.02
2	FID	HRC-S-4	6.93	288	0.124	-0.092	0.005	0.009	0.000000	0.000000	1237.53	580.16
3	GUIDE	420752392	7.29	577	0.050	-0.049	0.089	0.141	332.271848	44.854756	2228.74	-1455.18
4	GUIDE	472523760	8.24	577	-0.077	-0.198	0.060	0.098	331.645363	45.403260	-299.01	-1608.76
5	GUIDE	472659832	9.47	577	-0.066	-0.025	0.118	0.198	332.780399	46.098139	-699.44	2163.43
6	GUIDE	472655152	9.43	577	-0.027	0.129	0.101	0.165	332.504239	45.862991	-402.17	1118.85
7	GUIDE	472646552	9.62	576	0.124	0.129	0.111	0.166	333.120915	45.571877	1344.15	1790.54

2.4 Star Slots

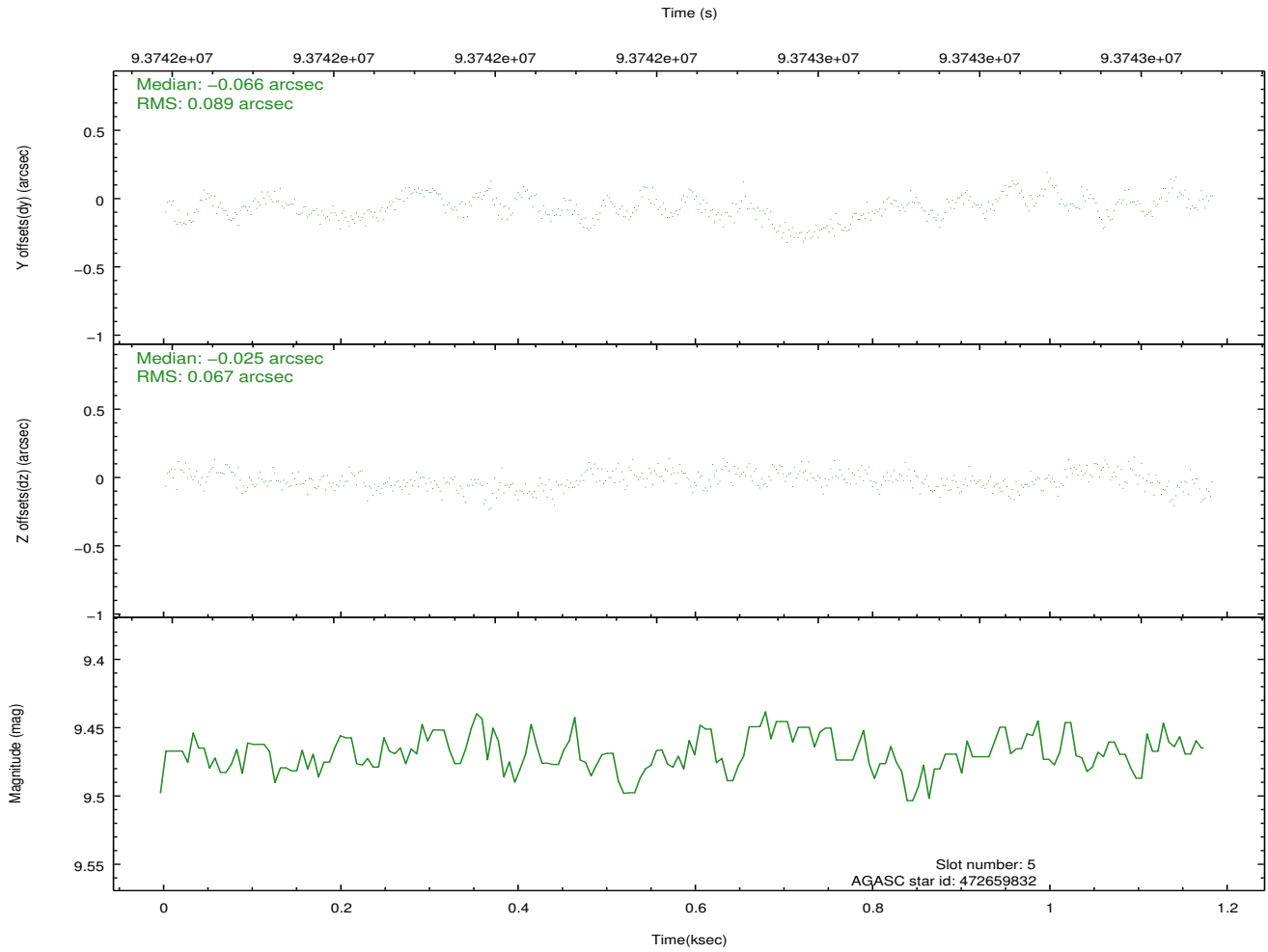
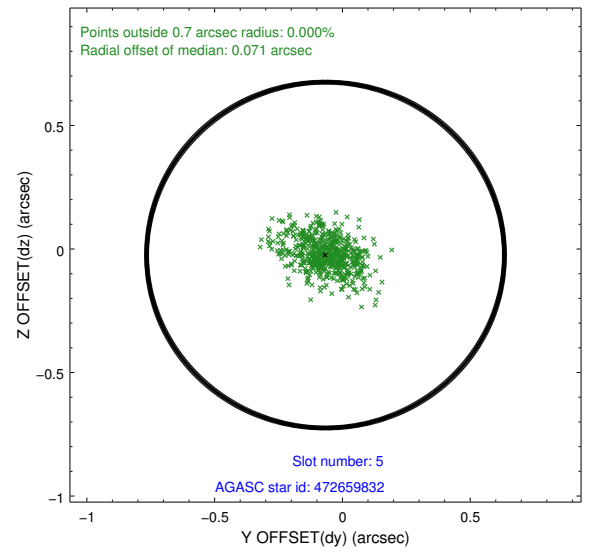
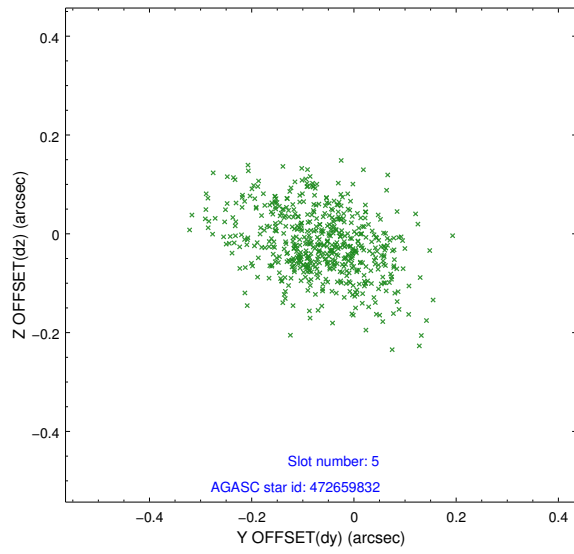
2.4.1 Slot 3



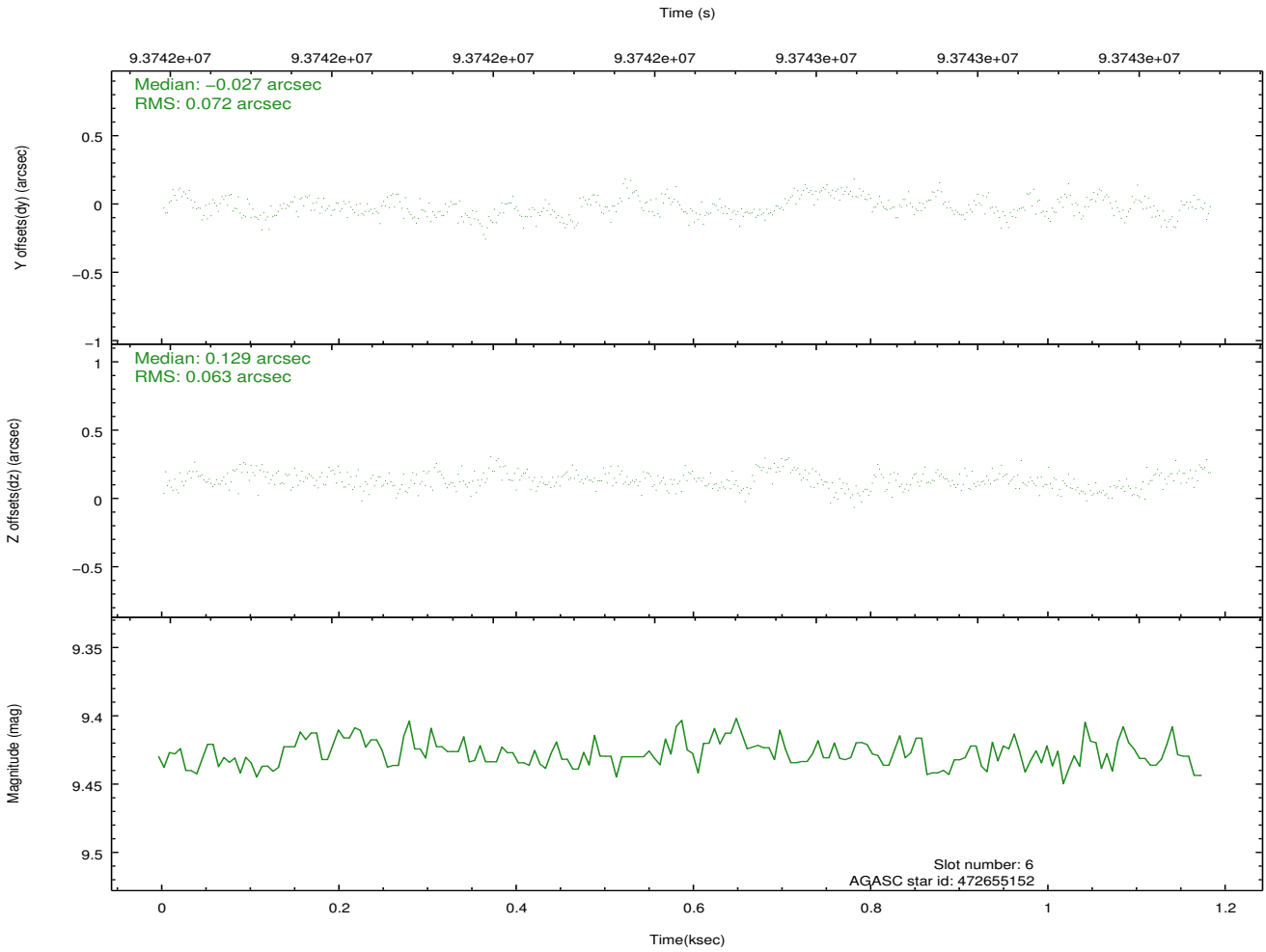
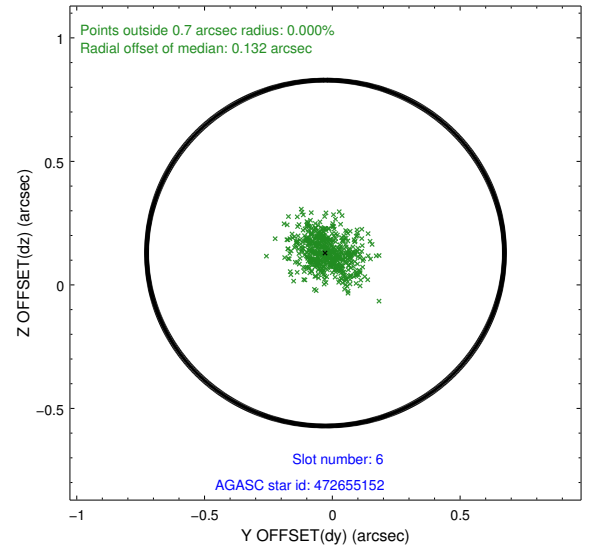
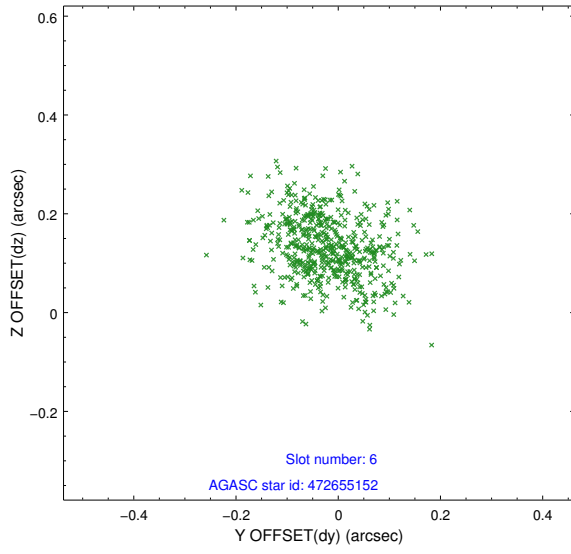
2.4.2 Slot 4



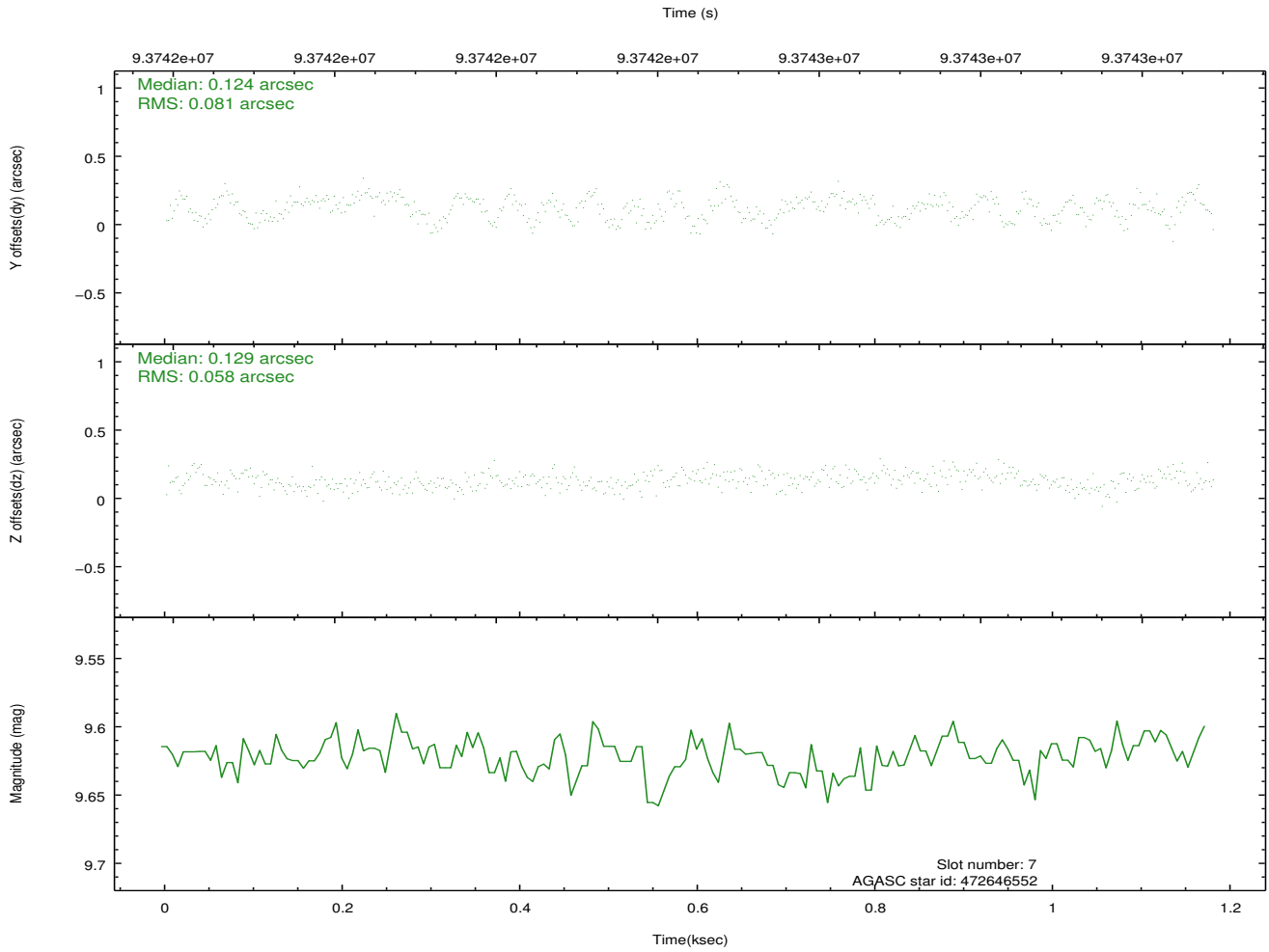
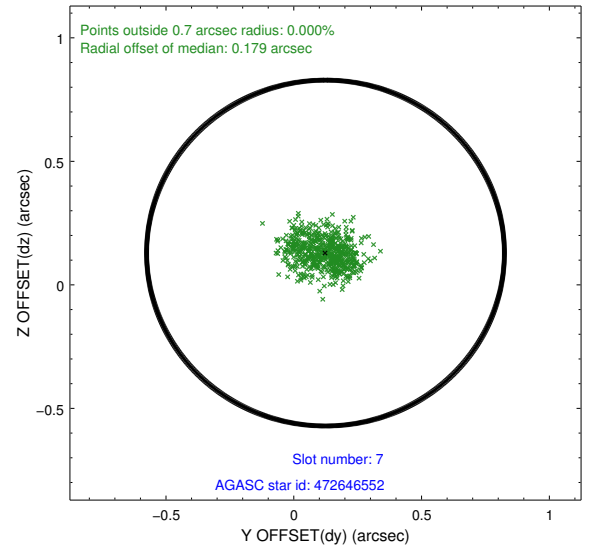
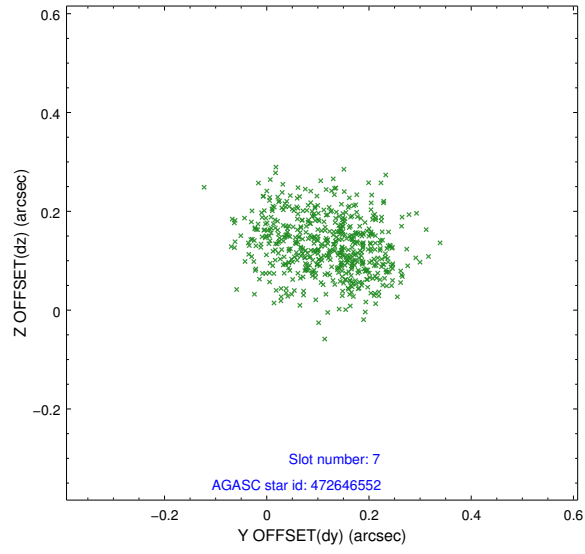
2.4.3 Slot 5



2.4.4 Slot 6

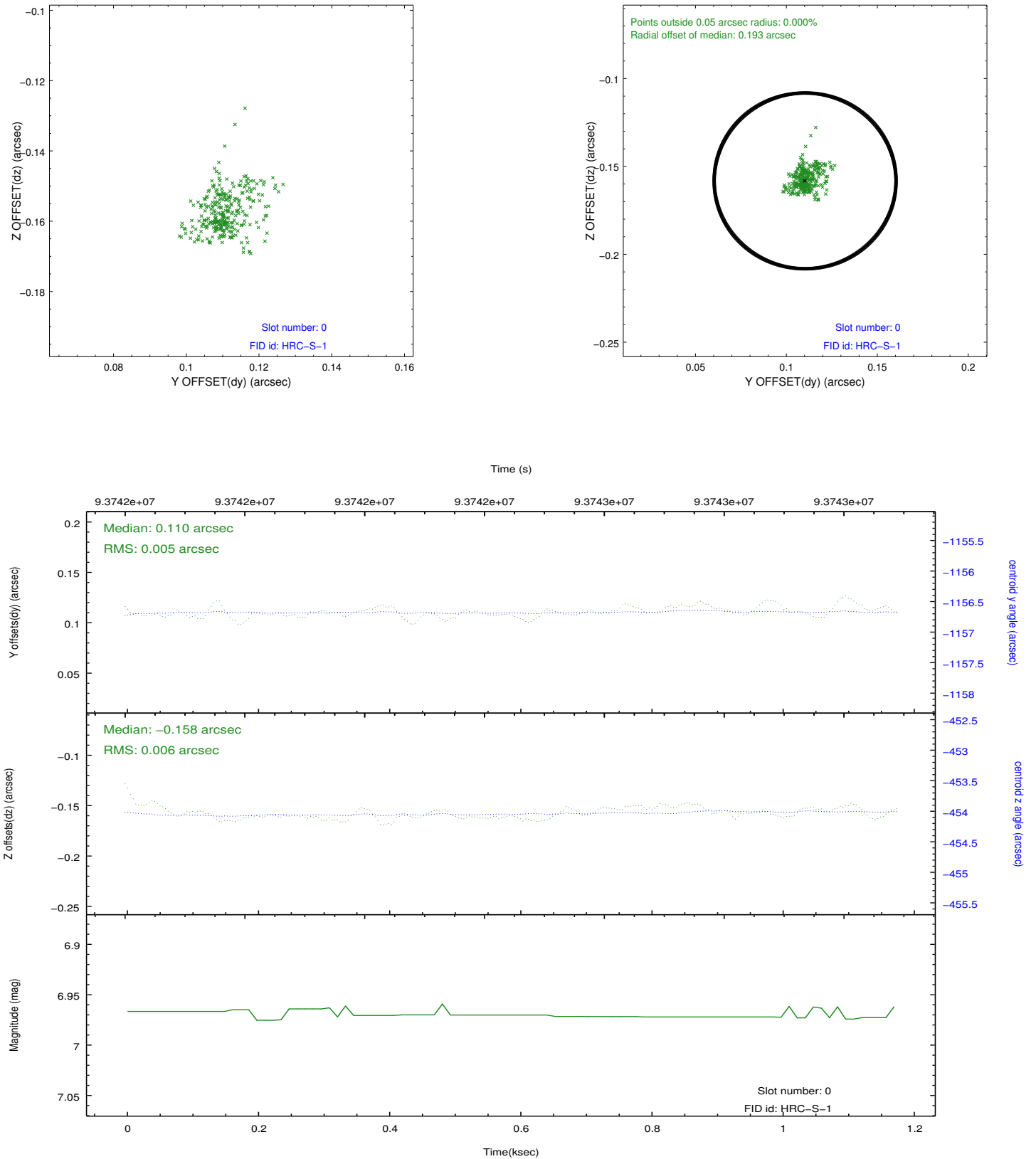


2.4.5 Slot 7

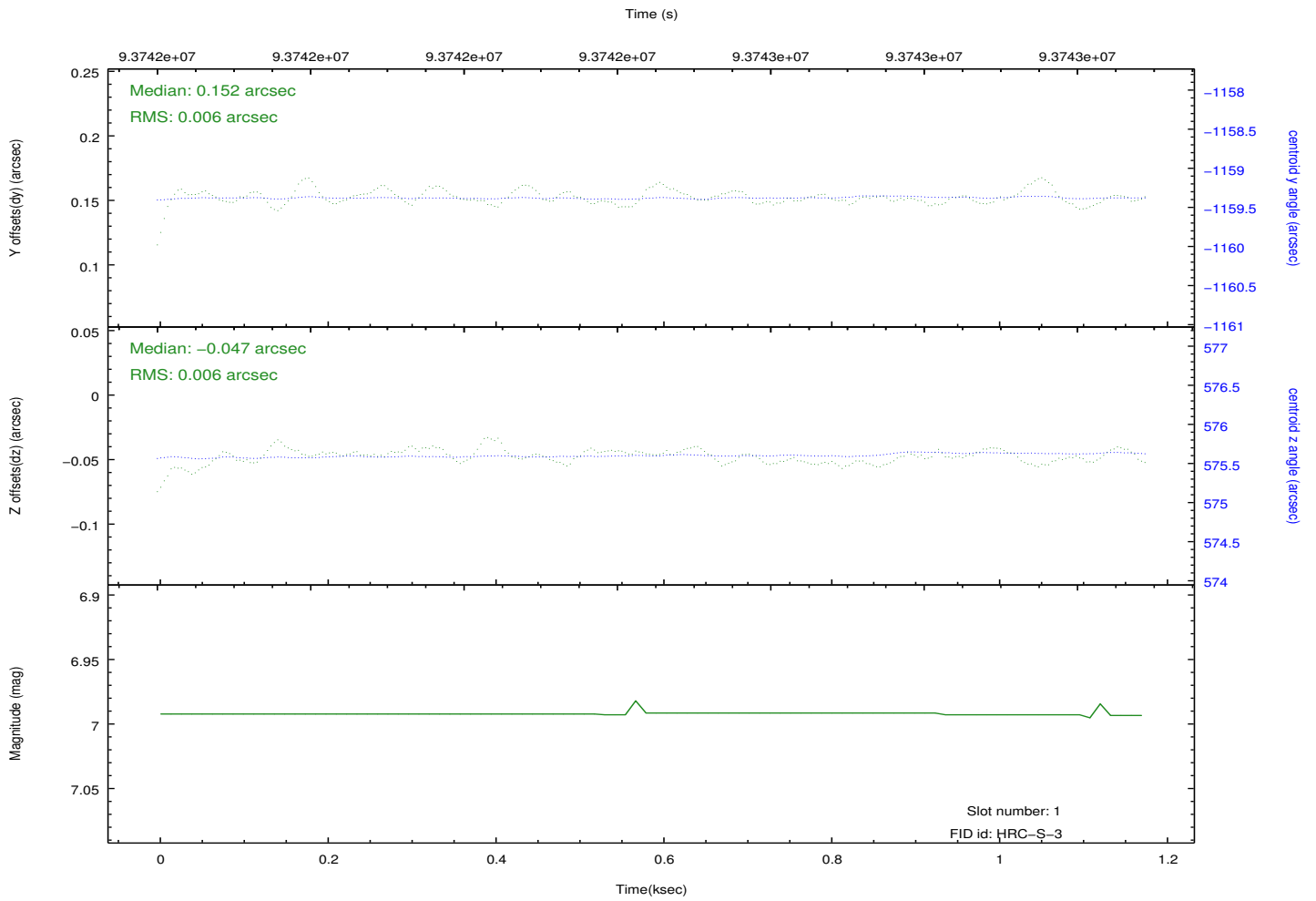
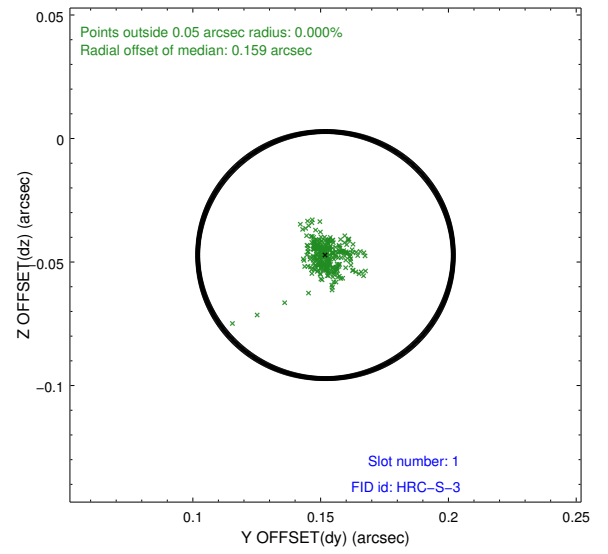
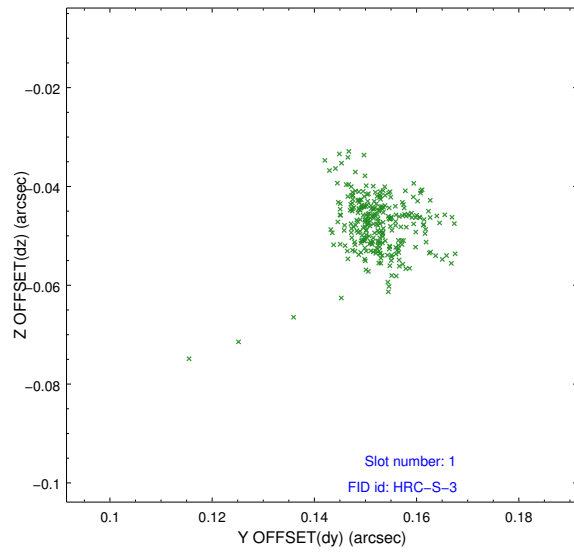


2.5 FID Slots

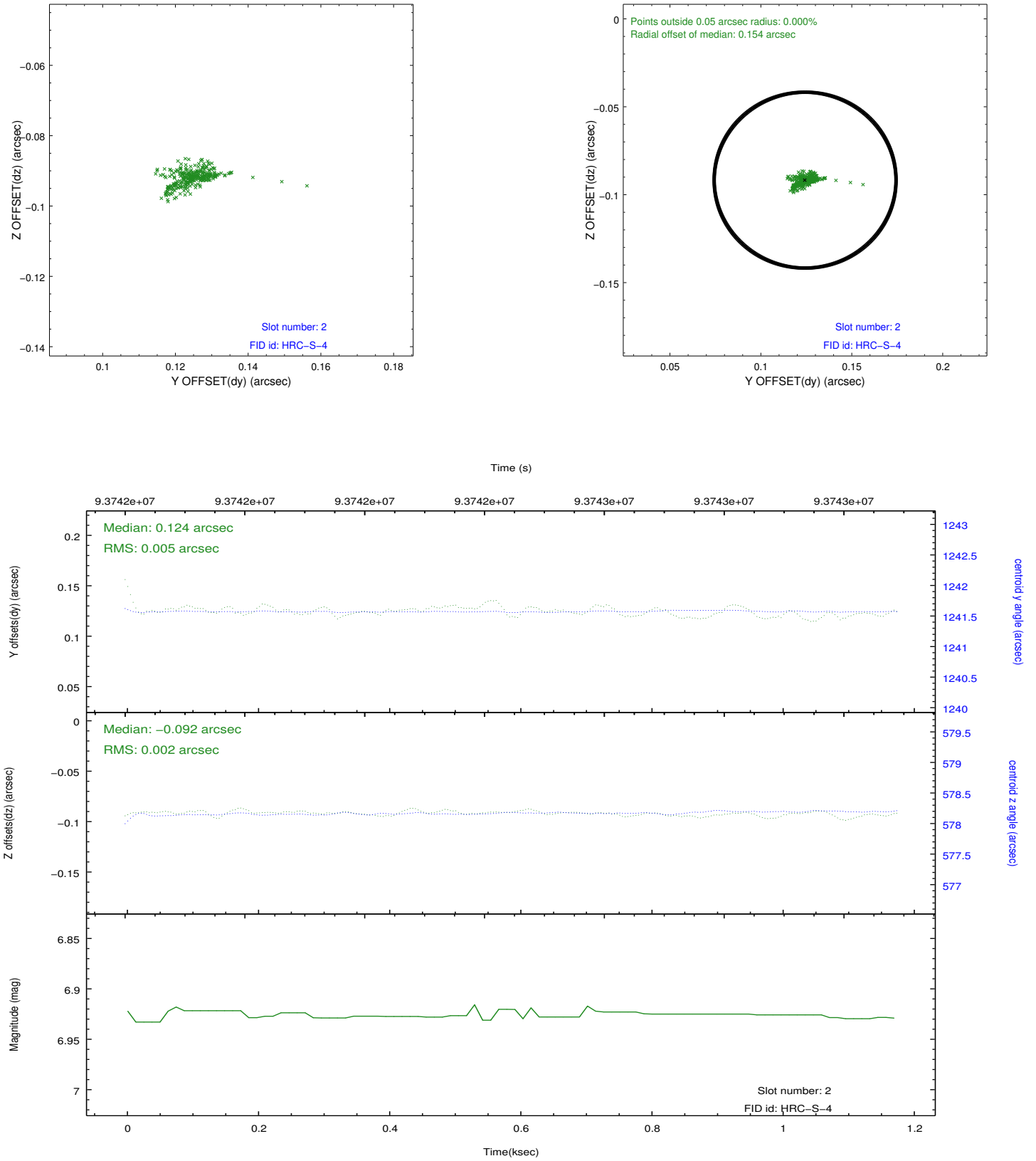
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.171

A.2 Comments

Charge time for this ObsId remains at previous value of 1.171 ks, although with the current processing the charge time would have been 1.14 ksec.